

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Currently Amended): A spin bowl, comprising:

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a base and a sidewall that extends from the base, the base having an upper portion for supporting a substrate in a horizontal plane and a lower portion that intersects with the sidewall, the lower portion of the base having a plurality of drain holes formed therein proximate to the sidewall, each of the plurality of drain holes being ~~configured~~ substantially V-shaped or substantially U-shaped to trap fluid therein during spinning of the spin bowl to thereby form a fluid seal that prevents air from flowing therethrough.

Claim 2 (Original): The spin bowl of claim 1, wherein each of the plurality of drain holes is substantially V-shaped.

Claim 3 (Original): The spin bowl of claim 1, wherein the sidewall is configured to define a fluid catch area, and each of the plurality of drain holes is in fluid communication with the fluid catch area.

Claim 4 (Original): The spin bowl of claim 3, wherein each of the drain holes has an inlet at an interior of the spin bowl and an outlet at an exterior of the spin bowl, and each of the drain holes is oriented so that the inlet is closer to a center of the spin bowl than the outlet.

Claim 5 (Original): The spin bowl of claim 3, wherein each of the drain holes is oriented at an angle in a range from about 30 degrees to about 60 degrees relative to the horizontal plane defined by the upper portion of the base.

Claim 6 (Original): The spin bowl of claim 3, wherein each of the drain holes is oriented at an angle of about 45 degrees relative to the horizontal plane defined by the upper portion of the base.

Claim 7 (Currently Amended): An apparatus for spin coating a film over a substrate, comprising:

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a rotatable spin bowl, the rotatable spin bowl having a base and a sidewall that extends from the base, the base having an upper portion for supporting a substrate in a horizontal plane and a lower portion that intersects with the sidewall, the lower portion of the base having a plurality of drain holes formed therein proximate to the sidewall, each of the plurality of drain holes being ~~configured~~ substantially V-shaped or substantially U-shaped to trap fluid therein during spinning of the spin bowl to thereby form a fluid seal that prevents air from flowing therethrough; and

a lid secured to the rotatable spin bowl so as to define a closed chamber, the lid being configured to mate with the sidewall of the rotatable spin bowl so that an underside of the lid is in close proximity to a top surface of the substrate supported on the upper portion of the base.

Claim 8 (Original): The apparatus of claim 7, wherein each of the plurality of drain holes is substantially V-shaped.

Claim 9 (Original): The apparatus of claim 7, wherein the sidewall is configured to define a fluid catch area, and each of the plurality of drain holes is in fluid communication with the fluid catch area.

Claim 10 (Original): The apparatus of claim 9, wherein each of the drain holes has an inlet at an interior of the spin bowl and an outlet at an exterior of the spin bowl, and each of the drain holes is oriented so that the inlet is closer to a center of the spin bowl than the outlet.

Claim 11 (Original): The apparatus of claim 9, wherein each of the drain holes is oriented at an angle in a range from about 30 degrees to about 60 degrees relative to the horizontal plane defined by the upper portion of the base.

Claim 12 (Original): The apparatus of claim 9, wherein each of the drain holes is oriented at an angle of about 45 degrees relative to the horizontal plane defined by the upper portion of the base.

Claims 13-20 (Canceled).

Claim 21 (Currently Amended): A spin bowl, comprising:

a base and a sidewall that extends from the base, the base having an upper portion for supporting a substrate in a horizontal plane and a lower portion that intersects with the sidewall, the lower portion of the base having a plurality of drain holes formed therein proximate to the sidewall, each of the drain holes being oriented at an angle in a range of about 30 degrees to about 60 degrees relative to the horizontal plane defined by the upper portion of the base, the sidewall having an upper portion that extends upwardly from the base and a lower portion that extends downwardly from the base so as to at least partially define an external fluid catch area that receives excess fluid that drains from an interior of the spin bowl through the drain holes, the external fluid catch area being configured to retain the excess fluid while the spin bowl is spinning and thereby prevent the excess fluid from leaving the

spin bowl at high velocity, and wherein each of the drain holes and an inner surface of the lower portion of the sidewall are oriented so as to define a substantially V-shape such that the excess fluid retained in the external fluid catch area while the spin bowl is spinning forms a fluid seal that prevents air from flowing through the drain holes.

Claim 22 (Original): The spin bowl of claim 21, wherein the lower portion of the sidewall is inclined inwardly so that a tip thereof is situated closer to a center of the spin bowl than a point at which the lower portion of the sidewall intersects with the upper portion of the sidewall.

Claim 23 (Original): The spin bowl of claim 21, wherein each of the drain holes has an inlet at an interior of the spin bowl and an outlet at an exterior of the spin bowl, and each of the drain holes is oriented so that the inlet is closer to a center of the spin bowl than the outlet.

Claim 24 (Canceled).

Claim 25 (Original): The spin bowl of claim 21, wherein each of the drain holes is oriented at an angle of about 45 degrees relative to the horizontal plane defined by the upper portion of the base.

Claim 26 (Previously Added): A spin bowl, comprising:

a base and a sidewall that extends from the base, the base having an upper portion for supporting a substrate in a horizontal plane and a lower portion that intersects with the sidewall, the lower portion of the base having a plurality of substantially V-shaped drain holes formed therein proximate to the sidewall.